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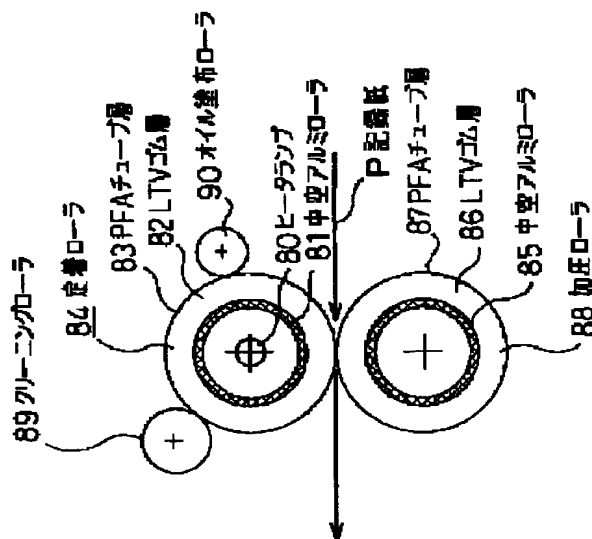
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INVENTOR : FUJIMAKI YOSHIHIDE;

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TITLE : COLOR IMAGE FORMING DEVICE



ABSTRACT : PURPOSE: To obtain a copied image giving calmness to a user mentally without feeling fatigue in the case of viewing many copies and stable even when the obtained image is copied by specifying relation between the glossiness of a black image and that of a color image other than the black image.

CONSTITUTION: A fixing device is incorporated with heater lamp 80 in the center, and is provided with an upper fixing roller 84 obtained by forming an LTV rubber layer 82 and a PFA tube layer 83 on the surface of a hollow aluminum roller 81 whose diameter is 40mm and a lower fixing roller 88 obtained by forming an LTV rubber layer 86 and a PFA tube layer 87 on the surface of a hollow aluminum roller 85 whose diameter is 40mm. The image is previously transferred to a recording paper under a certain condition and the glossiness of the transferred image is measured. Then, developer, fixing process and the supply amount of fixing oil are optimized so that the relation of the glossiness satisfies  $G_k \leq 15$ ,  $G_c \leq 20$  and  $G_k \leq G_c$  when it is assumed that the glossiness of the black image is  $G_k$  and the glossiness of the color image other than the black image is  $G_c$ .

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